

7-7-06

IP01/8

Express Mail Mailing Label No. EQ 693279547 US



TRANSMITTAL FORM

Application Serial Number	10/733,860
Filing Date	December 10, 2003
First Named Inventor	Berger
Group Art Unit	2676
Examiner Name	Caschera, Antonio A.
Attorney Docket No.	SNS-017
Patent No.	Not applicable
Issue Date	Not applicable

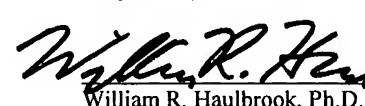
ENCLOSURES (check all that apply)

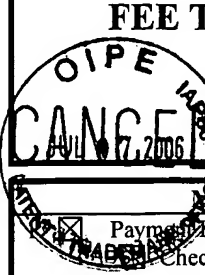
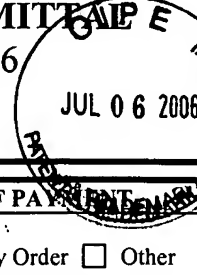
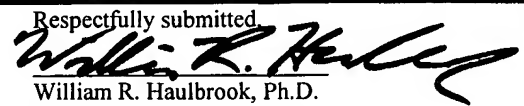
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____] <input checked="" type="checkbox"/> Petition for Extension of Time <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations B1-B19 and C1-C98 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief (in triplicate) <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
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CORRESPONDENCE ADDRESS

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 Goodwin Procter LLP
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 Boston, MA 02109
 Tel. No.: (617) 570-1000
 Fax No.: (617) 523-1231
 Customer No. 051414

SIGNATURE BLOCK

Respectfully submitted,

 William R. Haulbrook, Ph.D.
 Atty/Agent for Applicant(s)
 Goodwin Procter LLP
 Exchange Place
 Boston, MA 02109
 Date: July 6, 2006
 Reg. No. 53,002
 Tel. No.: (617) 570-1013
 Fax No.: (617) 523-1231

FEE TRANSMITTAL		Complete if Known																																																																																													
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>		Application Serial Number	10/733,860																																																																																												
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2. The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 07-1700. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.																																																																																															
3. Applicant claims small entity status.																																																																																															
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2. AMENDMENT CLAIM FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Claims Remaining After Amend.</th> <th>Highest No. Previously Paid For</th> <th>Present Extra</th> <th>Rate</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>42</td> <td>- 38 =</td> <td>4</td> <td>x \$ 50.00 =</td> <td>200.0</td> </tr> <tr> <td>Indep.</td> <td>4</td> <td>- 4 =</td> <td>0</td> <td>x \$200.00 =</td> <td>0.00</td> </tr> <tr> <td colspan="5"></td> <td>+ \$360.00 =</td> </tr> <tr> <td colspan="5"></td> <td>TOTAL: (\$200.00)</td> </tr> <tr> <td colspan="5"></td> <td>SMALL ENTITY DISCOUNT: (\$100.00)</td> </tr> <tr> <td colspan="5"></td> <td>SUBTOTAL (2) (\$100.00)</td> </tr> </tbody> </table>			Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid	Total	42	- 38 =	4	x \$ 50.00 =	200.0	Indep.	4	- 4 =	0	x \$200.00 =	0.00						+ \$360.00 =						TOTAL: (\$200.00)						SMALL ENTITY DISCOUNT: (\$100.00)						SUBTOTAL (2) (\$100.00)																																																				
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Direct all correspondence to: Patent Administrator Goodwin Procter LLP Exchange Place Boston, MA 02109 Tel. No.: (617) 570-1000 Fax No.: (617) 523-1231 Customer No. 051414		Respectfully submitted,  William R. Haulbrook, Ph.D. Attorney for the Applicants Goodwin Procter LLP Exchange Place Boston, MA 02109 Date: July 6, 2006 Reg. No.: 53,002 Tel. No.: (617) 570-1013 Fax No.: (617) 523-1231																																																																																													



PATENT
Attorney Docket No. SNS-017
(081028/158574)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Berger CONFIRMATION NO.: 8039
SERIAL NO.: 10/733,860 GROUP NO.: 2676
FILING DATE: December 10, 2003 EXAMINER: Caschera, Antonio A.
TITLE: A HAPTIC GRAPHICAL USER INTERFACE FOR ADJUSTING
MAPPED TEXTURE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the provisions of 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449, and other information contained herein, for consideration by the Examiner in connection with the examination of the above-identified patent application. In accordance with 37 C.F.R. 1.98(a)(2), only copies of the foreign patent documents and non-patent publications are enclosed.

REMARKS

In accordance with the provisions of 37 C.F.R. 1.97, this statement is being filed (CHECK ONE):

- ☐ (1) within three (3) months of the **filing date** of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d), or within three (3) months of the **date of entry of the national stage** as set forth in 37 C.F.R. 1.491 in an international application, or before the mailing of the **first Office action** on the merits, or before the mailing of a **first Office action** after the filing of a request for continued examination under 37 C.F.R. 1.114; or
- ☒ (2) after the period defined in (1) but before the mailing date of a **final action** or a **notice of allowance** under 37 C.F.R. 1.311, and
- ☐ the requisite Statement is below, **OR**
- ☒ the requisite fee under 37 C.F.R. 1.17(p), namely **\$180.00**, is included herein, or

07/10/2006 HDE5TA1 00000071 10733860

180.00 DP
02 FC:1806

- ☐ (3) after the mailing date of a **final action** or **notice of allowance** but before the payment of the **issue fee**, **AND**
- ☐ the requisite Statement is below, **AND**
- ☐ the requisite petition fee under 37 C.F.R. 1.17(p), namely **\$180.00** is included herein.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

In addition, Applicant wishes to call to the Examiner's attention Office Actions issued in the following commonly-owned, co-pending patent application:

U.S. Patent Application No. 09/574,131, filed on 5/18/2000 by Tarr et al.;

U.S. Patent Application No. 10/055,565, filed on 10/26/2001 by Zilles et al.;

U.S. Patent Application No. 10/650,155, filed on 8/28/2003 by Goodwin et al.;

U.S. Patent Application No. 10/697,174, filed on 10/30/2003 by Levene et al.;

U.S. Patent Application No. 10/697,548, filed on 10/30/2003 by Levene et al.;

U.S. Patent Application No. 10/697,963, filed on 10/30/2003 by Massie et al.;

U.S. Patent Application No. 10/733,860, filed on 12/10/2003 by Berger;

U.S. Patent Application No. 10/733,862, filed on 12/10/2003 by Berger et al.;

U.S. Patent Application No. 10/844,257, filed on 5/12/2004 by Shih et al.;

U.S. Patent Application No. 10/856,699, filed on 5/28/2004 by Berger et al.;

U.S. Patent Application No. 10/900,034, filed on 7/27/2004 by Handley et al.;

U.S. Patent Application No. 10/990,226, filed on 11/16/2004 by Massie et al.;

U.S. Patent Application No. 11/053,592, filed on 2/28/2005 by Payne;

U.S. Patent Application No. 11/169,175, filed on 6/28/2005 by Itkowitz et al.;

U.S. Patent Application No. 11/169,271, filed on 6/28/2005 by Itkowitz et al.;

U.S. Patent Application No. 11/179,038, filed on 7/11/2005 by Jennings et al.;

U.S. Patent Application No. 11/231,347, filed on 9/20/2005 by Rodomista et al.; and

International Patent Application No. PCT/US2005/027643, filed on 8/4/2005 by Rawley et al.

STATEMENT

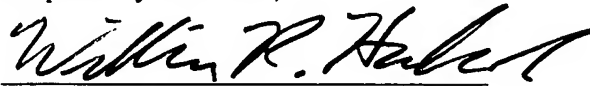
As required under 37 C.F.R. 1.97(e), Applicant(s), through the undersigned, hereby state either that [check the appropriate space only if either (2) or (3) is checked on the previous page and the Statement is required]:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application **not more than three months** prior to the filing of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to **any individual** designated in 37 C.F.R. 1.56(c) **more than three months** prior to the filing of the Information Disclosure Statement.

Date: July 6, 2006
Reg. No. 53,002

Tel. No.: (617) 570-1013
Fax No.: (617) 523-1231
VER 11/03

Respectfully submitted,



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Exchange Place
Boston, Massachusetts 02109
Customer No. 051414



Express Mail Mailing Label No. EQ 693279547 US

INFORMATION DISCLOSURE STATEMENT	ATTORNEY DOCKET NO.: SNS-017
	APPLICANT(S): Berger
	SERIAL NO.: 10/733,860
	FILING DATE: December 10, 2003 GROUP: 2676

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	A1	D377,932	02/11/97	Schena <i>et al.</i>			
	A2	D510,739	10/18/2005	Jones <i>et al.</i>			
	A3	2,475,484	07/05/49	DeNise			
	A4	3,168,203	02/01/65	Gallistel			
	A5	3,263,824	08/02/66	Jones <i>et al.</i>			
	A6	3,449,008	06/10/69	Colechia			
	A7	3,531,868	10/06/70	Stevenson			
	A8	3,618,786	11/09/71	Fick			
	A9	3,637,092	01/01/72	George <i>et al.</i>			
	A10	3,920,972	11/18/75	Corwin <i>et al.</i>			
	A11	3,944,798	03/16/76	Eaton			
	A12	4,062,455	12/13/77	Flatau			
	A13	4,150,803	04/24/79	Fernandez			
	A14	4,216,467	08/05/80	Colston			
	A15	4,302,138	11/24/81	Zarudiansky			
	A16	4,367,532	01/04/83	Crum <i>et al.</i>			
	A17	4,420,808	12/13/83	Diamond <i>et al.</i>			
	A18	4,521,685	06/04/85	Rebman			
	A19	4,604,016	08/05/86	Joyce			
	A20	4,632,341	12/30/86	Repperger <i>et al.</i>			
	A21	4,638,798	01/27/87	Shelden <i>et al.</i>			
	A22	4,653,011	03/24/87	Iwano			
	A23	4,654,648	03/31/87	Herrington <i>et al.</i>			
	A24	4,655,673	04/07/87	Hawkes			
	A25	4,661,032	04/28/87	Arai			

EXAMINER	DATE CONSIDERED
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FORM PTO - 1449				ATTORNEY DOCKET NO.: SNS-017			
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Berger			
				SERIAL NO.: 10/733,860			
				FILING DATE: December 10, 2003 GROUP: 2676			
	A26	4,670,851	06/02/87	Murakami <i>et al.</i>			
	A27	4,676,002	06/30/87	Slocum			
	A28	4,680,519	07/14/87	Chand <i>et al.</i>			
	A29	4,686,522	08/11/87	Hernandez <i>et al.</i>			
	A30	4,703,443	10/27/87	Moriyasu			
	A31	4,729,098	03/01/88	Cline <i>et al.</i>			
	A32	4,769,763	09/06/88	Trieb <i>et al.</i>			
	A33	4,791,934	12/20/88	Brunnett			
	A34	4,795,296	01/03/89	Jau			
	A35	4,800,721	01/31/89	Cemenska <i>et al.</i>			
	A36	4,819,195	04/04/89	Bell <i>et al.</i>			
	A37	4,823,634	04/25/89	Culver			
	A38	4,837,734	06/06/89	Ichikawa <i>et al.</i>			
	A39	4,839,838	06/13/89	LaBiche <i>et al.</i>			
	A40	4,853,874	08/01/89	Iwamoto <i>et al.</i>			
	A41	4,888,538	12/19/89	Dimitrov <i>et al.</i>			
	A42	4,893,981	01/16/90	Yoshinada <i>et al.</i>			
	A43	4,907,970	03/13/90	Meenen, Jr.			
	A44	4,907,973	03/13/90	Hon			
	A45	4,942,538	07/17/90	Yuan <i>et al.</i>			
	A46	4,945,305	07/31/90	Blood			
	A47	4,945,501	07/31/90	Bell <i>et al.</i>			
	A48	4,961,138	10/02/90	Gorniak			
	A49	4,973,111	11/1990	Haacke <i>et al.</i>			
	A50	4,973,215	11/27/90	Karlen <i>et al.</i>			
	A51	4,982,504	01/08/91	Söderberg <i>et al.</i>			
	A52	4,988,981	01/29/91	Zimmerman <i>et al.</i>			
	A53	5,004,391	04/02/91	Burdea			

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	A54	5,007,300	04/16/91	Siva			
	A55	5,018,922	05/28/91	Yoshinada <i>et al.</i>			
	A56	5,019,761	05/28/91	Kraft			
	A57	5,038,089	08/06/91	Szakaly			
	A58	5,040,306	08/20/91	McMurtry <i>et al.</i>			
	A59	5,044,956	09/03/91	Behensky <i>et al.</i>			
	A60	5,053,975	10/01/91	Tsuchihashi <i>et al.</i>			
	A61	5,072,361	12/10/91	Davis <i>et al.</i>			
	A62	5,088,046	02/11/92	McMurtry			
	A63	5,088,055	02/11/92	Oyama			
	A64	5,103,404	04/07/92	McIntosh			
	A65	5,105,367	04/14/92	Tsuchihashi <i>et al.</i>			
	A66	5,116,051	05/26/92	Moncrief <i>et al.</i>			
	A67	5,116,180	05/26/92	Fung <i>et al.</i>			
	A68	5,130,632	07/14/92	Ezawa <i>et al.</i>			
	A69	5,131,844	07/21/92	Marinaccio <i>et al.</i>			
	A70	5,142,931	09/01/92	Menahem			
	A71	5,143,505	09/01/92	Burdea <i>et al.</i>			
	A72	5,184,319	02/02/93	Kramer			
	A73	5,185,561	02/09/93	Good <i>et al.</i>			
	A74	5,189,806	03/02/93	McMurtry <i>et al.</i>			
	A75	5,193,963	03/16/93	McAffee <i>et al.</i>			
	A76	5,204,824	04/20/93	Fujimaki			
	A77	5,220,260	06/15/93	Schuler			
	A78	5,223,776	06/29/93	Radke <i>et al.</i>			
	A79	5,237,647	08/17/93	Roberts, <i>et al.</i>			
	A80	5,239,246	08/24/93	Kim			
	A81	5,255,211	10/19/93	Redmond			

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	A82	5,264,768	11/23/93	Gregory <i>et al.</i>			
	A83	5,266,875	11/30/93	Slotine <i>et al.</i>			
	A84	5,333,257	07/26/94	Merrill, <i>et al.</i>			
	A85	5,354,162	10/11/94	Burdea <i>et al.</i>			
	A86	5,382,885	01/17/95	Salcudean <i>et al.</i>			
	A87	5,389,865	02/14/95	Jacobus <i>et al.</i>			
	A88	5,396,265	03/07/95	Ulrich <i>et al.</i>			
	A89	5,414,337	05/09/95	Schuler			
	A90	5,429,140	07/04/95	Burdea <i>et al.</i>			
	A91	5,438,529	08/01/95	Rosenberg <i>et al.</i>			
	A92	5,446,834	08/29/95	Deering			
	A93	5,459,382	10/17/95	Jacobus <i>et al.</i>			
	A94	5,482,051	01/09/96	Reddy <i>et al.</i>			
	A95	5,489,830	02/06/96	Fernandez			
	A96	5,497,452	03/05/96	Shimizu <i>et al.</i>			
	A97	5,506,785	04/1996	Blank <i>et al.</i>			
	A98	5,515,078	05/07/96	Greschler <i>et al.</i>			
	A99	5,555,894	09/17/96	Doyama <i>et al.</i>			
	A100	5,559,412	09/24/96	Schuler			
	A101	5,576,727	11/19/96	Rosenberg <i>et al.</i>			
	A102	5,587,937	12/24/96	Massie <i>et al.</i>			
	A103	5,589,854	12/31/96	Tsai			
	A104	5,623,582	04/22/97	Rosenberg			
	A105	5,623,642	04/22/97	Katz <i>et al.</i>			
	A106	5,625,576	04/29/97	Massie <i>et al.</i>			
	A107	5,629,594	05/13/97	Jacobus <i>et al.</i>			
	A108	5,642,469	06/24/97	Hannaford <i>et al.</i>			
	A109	5,659,493	08/19/97	Kiridena, <i>et al.</i>			

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	A110	5,666,138	09/09/97	Culver			
	A111	5,691,898	11/25/97	Rosenberg <i>et al.</i>			
	A112	5,694,013	12/02/97	Stewart <i>et al.</i>			
	A113	5,701,140	12/23/97	Rosenberg <i>et al.</i>			
	A114	5,721,566	02/24/98	Rosenberg <i>et al.</i>			
	A115	5,724,264	03/03/98	Rosenberg <i>et al.</i>			
	A116	5,731,804	03/24/98	Rosenberg			
	A117	5,734,373	03/31/98	Rosenberg <i>et al.</i>			
	A118	5,737,505	04/07/98	Shaw <i>et al.</i>			
	A119	5,739,811	04/14/98	Rosenberg <i>et al.</i>			
	A120	5,742,278	04/21/98	Chen <i>et al.</i>			
	A121	5,751,289	05/12/98	Myers			
	A122	5,754,023	05/19/98	Roston <i>et al.</i>			
	A123	5,767,839	06/16/98	Rosenberg			
	A124	5,769,640	06/23/98	Jacobus <i>et al.</i>			
	A125	5,774,130	06/30/98	Horikawa, <i>et al.</i>			
	A126	5,784,542	07/21/98	Ohm <i>et al.</i>			
	A127	5,790,108	08/04/98	Salcudean <i>et al.</i>			
	A128	5,798,752	08/25/98	Buxton <i>et al.</i>			
	A129	5,800,177	09/01/98	Gillio			
	A130	5,800,178	09/01/98	Gillio			
	A131	5,800,179	09/01/98	Bailey			
	A132	5,802,353	09/01/98	Avila <i>et al.</i>			
	A133	5,803,738	09/08/98	Latham			
	A134	5,805,140	09/08/98	Rosenberg <i>et al.</i>			
	A135	5,821,920	10/13/98	Rosenberg <i>et al.</i>			
	A136	5,825,308	10/20/98	Rosenberg			
	A137	5,828,197	10/27/98	Martin, <i>et al.</i>			

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	A138	5,831,408	11/03/98	Jacobus, <i>et al.</i>			
	A139	5,844,392	12/01/98	Peurach <i>et al.</i>			
	A140	5,847,956	12/08/98	Bronfeld, <i>et al.</i>			
	A141	5,859,934	01/12/99	Green			
	A142	5,872,438	02/16/99	Roston			
	A143	5,873,106	02/16/99	Joseph			
	A144	5,880,714	03/09/99	Rosenberg <i>et al.</i>			
	A145	5,881,178	03/1999	Tsykalov <i>et al.</i>			
	A146	5,882,206	06/16/99	Gillio			
	A147	5,889,670	03/30/99	Schuler <i>et al.</i>			
	A148	5,898,599	04/27/99	Massie, <i>et al.</i>			
	A149	5,903,270	05/11/1999	Gentry <i>et al.</i>			
	A150	5,903,456	05/11/99	Schena <i>et al.</i>			
	A151	5,903,886	05/11/99	Heimlich, <i>et al.</i>			
	A152	5,907,487	05/25/99	Rosenberg <i>et al.</i>			
	A153	5,913,727	06/22/99	Ahdoot			
	A154	5,929,607	07/27/99	Rosenberg <i>et al.</i>			
	A155	5,929,846	07/27/99	Rosenberg <i>et al.</i>			
	A156	5,956,484	09/21/99	Rosenberg <i>et al.</i>			
	A157	5,963,212	10/05/1999	Bakalash			
	A158	5,973,678	10/26/99	Stewart, <i>et al.</i>			
	A159	5,973,678	10/26/1999	Stewart			
	A160	5,988,862	11/23/99	Kacyra, <i>et al.</i>			
	A161	6,040,840	03/2000	Koshiba <i>et al.</i>			
	A162	6,061,004	05/2000	Rosenberg			
	A163	6,064,394	05/16/2000	Morrison			
	A164	6,084,587	07/04/00	Tarr <i>et al.</i>			
	A165	6,111,577	08/29/00	Zilles <i>et al.</i>			

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	A166	6,131,097	10/10/00	Peurach <i>et al.</i>			
	A167	6,191,796 B1	02/20/01	Tarr			
	A168	6,211,848	04/03/01	Plesniak <i>et al.</i>			
	A169	6,219,032	04/2001	Rosenberg <i>et al.</i>			
	A170	6,226,003	05/01/01	Akeley			
	A171	6,308,144	10/23/01	Bronfeld <i>et al.</i>			
	A172	6,337,678 B1	01/20/02	Fish			
	A173	6,342,880 B2	01/20/02	Rosenberg <i>et al.</i>			
	A174	6,369,834	04/09/02	Zilles, <i>et al.</i>			
	A175	6,384,822 B1	05/07/2002	Bilodeau <i>et al.</i>			
	A176	6,405,158	06/11/2002	Massie <i>et al.</i>			
	A177	6,417,638	07/09/02	Guy, <i>et al.</i>			
	A178	6,421,048	07/16/02	Shih <i>et al.</i>			
	A179	6,552,722	04/22/03	Shih <i>et al.</i>			
	A180	6,608,631	08/19/2003	Milliron			
	A181	6,671,651	12/30/03	Goodwin <i>et al.</i>			
	A182	6,707,458	03/2004	Leather <i>et al.</i>			
	A183	6,792,398	9/14/2004	Handley <i>et al.</i>			
	A184	6,831,640	12/14/2004	Shih <i>et al.</i>			
	A185	6,853,965	2/8/2005	Massie <i>et al.</i>			
	A186	6,879,315	4/12/2005	Guy <i>et al.</i>			
	A187	6,958,752	10/25/2005	Jennings <i>et al.</i>			
	A188	6,985,133	1/10/2006	Rodomista <i>et al.</i>			
	A189	20020075283	06/20/02	Payne			
	A190	20020089500	07/11/02	Jennings, <i>et al.</i>			
	A191	2002/0154132	10/2002	Dumesny <i>et al.</i>			
	A192	20020158842	10/31/02	Guy, <i>et al.</i>			
	A193	20030128208	07/10/03	Shih, <i>et al.</i>			

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	A194	2003/0117411	06/26/2003	Fujiwara <i>et al.</i>					
	A195	2003/0191554	10/09/2003	Russell <i>et al.</i>					
	A196	2005/0060130	03/2005	Shapiro <i>et al.</i>					
	A197	2005/0062738	03/2005	Handley <i>et al.</i>					
	A198	2005/0168460	08/2005	Razdan <i>et al.</i>					
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
	B1	WO 95/02801	01/26/95	PCT					
	B2	WO 96/16397	05/30/96	PCT					
	B3	WO 96/22591	07/25/96	PCT					
	B4	WO 96/42078	12/27/96	PCT					
	B5	WO 97/06410	02/20/97	PCT					
	B6	WO 97/12337	04/03/97	PCT					
	B7	WO 97/12357	04/03/97	PCT					
	B8	WO 97/19440	05/29/97	PCT					
	B9	WO 97/21160	06/12/97	PCT					
	B10	WO 97/44775	11/27/97	PCT					
	B11	WO 98/06024	02/12/98	PCT					
	B12	WO 98/26342	06/18/98	PCT					
	B13	WO 98/30951	07/16/98	PCT					
	B14	WO 98/58308	12/23/98	PCT					
	B15	WO 98/58323	12/23/98	PCT					
	B16	WO 99/10872	03/04/99	PCT					
	B17	EP 0 915 434 A2	05/12/99	EP					
	B18	2389764	12/17/2003	GB					
	B19	2410351	07/27/2005	GB					

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OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
	C1	Altmann, "About Nonuniform Rational B-Splines – NURBS," http://www.cs.wpi.edu/~matt/courses/cs563/talks/nurbs.html , printed 7/29/2003, 6 pgs.
	C2	Apple Computer Inc., "OpenGL for Mac OS: Glossary," http://www.developer.apple.com/documentation/GraphicsImaging/Conceptual/OpenGL/glossary ... , printed August 2002, 3pgs.
	C3	Avid Technology, "Curves," printed 11/06/03, http://www.iro.umontreal.ca/~roys/softimage/html/model/curves.html , chapter 10, 19 pgs.
	C4	Avid Technology, "Fundamentals of NURBS Modeling," printed 11/06/03, http://www.iro.umontreal.ca/~roys/softimage/html/model/nurbs_basics.html , chapter 9, 7 pgs.
	C5	Avid Technology, "Surfaces," printed 11/06/03, http://www.iro.umontreal.ca/~roys/softimage/html/model/surfs.html , chapter 11, 22 pgs.
	C6	Adachi, "Touch and Trace on the Free-Form Surface of Virtual Object," Proceedings of IEEE Virtual Reality Annual International Symposium, September 18-22, 1993, Seattle WA, pgs. 162-168.
	C7	Agrawala <i>et al.</i> , "3D Painting on Scanned Surfaces", Stanford University, 1995, pgs 145-150.
	C8	Barr, "Global and Local Deformations of Solid Primitives"; COMPUTER GRAPHICS; Vol. 18, No. 3, pgs. 21-30 (July, 1984).
	C9	Bentley, "Rendering Cubic Bezier Patches," Worcester Polytechnic Institute, printed 11/17/03, http://www.cs.wpi.edu/~matt/courses/cs563/talks/surface/bez_surf.html , 10 pgs.
	C10	Birn, "How to Model A Hairy Hippo Nose in Softimage 3D," http://www.3drender.com/jbirn/hippo/hairyhipponose.html , printed 7/29/03, 3 pgs.
	C11	Birn, "Mental Ray Resources," http://www.3drender.com/ref/max.htm , printed 7/29/03, 4 pgs.
	C12	Birn, "NurbsPatchHead.igs," http://www.turbosquid.com/HTMLClient/FullPreview/... printed 7/29/03, 1 pg.
	C13	Birn, "Softimage's Surface Continuity Manager," http://www.3drender.com/ncf/index.html , printed 7/29/03, 2 pgs.
	C14	Birn, "Tutorial: NURBS Head Modeling," printed 07/29/03, http://www.3drender.com/jbirn/ea/HeadModel.html , 5 pgs.
	C15	Blinn, "Simulation of Wrinkled Surfaces," COMPUTER GRAPHICS, Volume 12-3, August 1978, pages 286-292.
	C16	Brooks <i>et al.</i> , "Project GROPE - Haptic Displays for Scientific Visualization," COMPUTER GRAPHICS, Vol. 24, No. 4, August 1990, pgs. 177-185.
	C17	Creating A Lathed NURBS Surface, http://www.maxhelp.com/content/tutorials/nurbs/nurbs.htm , printed 7/29/03, 3 pgs.
	C18	CSB/SJU IT Services, "Color Depth and Color Spaces," http://www.csbsju.edu/itsevice/teaching/c_space/colors.htm , 9/12/03, 3 pgs.
	C19	Decaudin, "Geometric Deformation by Merging a 3D-Object with a Simple Shape," Graphics Interface '96 Proceedings (Toronto, Canada), 6 pgs. (May 21-24, 1996).
	C20	Digital Photography and Imaging Glossary, August 2000.
	C21	Dworkin <i>et al.</i> , "A New Model for Efficient Dynamic," Fourth Eurographics Animation and Simulation Workshop Proceedings Eurographics Technical Report Series, ISSN 1017-4656, September 4-5, 1993, pp. 135-147.
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C22	Elhajj <i>et al.</i> , "Supermedia-Enhanced Internet-Based Telerobotics," Proceedings of the IEEE, Vol. 91, No. 3, pp. 396-421 (March 2003).	
C23	Farin, "NURBS," printed 11/17/03, www.eros.cagd.eas.asu.edu/~farin/rbook/toc.html , 2 pgs.	
C24	Fisher <i>et al.</i> , "Pixel Values," http://www.dai.ed.ac.uk/HIPR2/value.htm (1 pg.).	
C25	Foskey <i>et al.</i> , "ArtNova: Touch-Enabled 3D Model Design," Proceedings of IEEE Virtual Reality 2002, March 24-28, 2002, Orlando, Florida pgs. 119-126.	
C26	Fuentes <i>et al.</i> , "The Virtual Tool Approach to Dextrous Telemanipulation," Proceedings of the 1996 IEEE International Conference on Robotics and Automation (Minneapolis, MN), pp. 1700-1705 (April 1996).	
C27	Galyean, "Sculpting: An Interactive Volumetric Modeling Technique," Computer Graphics (SIGGRAPH '91 Las Vegas), Vol. 25, No. 4, pp. 267-274 (July 1991).	
C28	Geomagic, "geomagicshape," http://www.geomagic.com/products/shape/ , printed 11/26/03.	
C29	Gu <i>et al.</i> , "Global Conformal Surface Parameterization," Eurographics Symposium on Geometry Processing (2003), 12 pgs.	
C30	Hashimoto <i>et al.</i> , "Dynamic Force Simulator for Force Feedback Human-Machine Interaction", IEEE, September 1993, pp. 209-215.	
C31	Hirata <i>et al.</i> , "3-Dimensional Interface Device for Virtual Work Space," Proceedings of the 1992 IEEE, July 7-10, 1992, pp. 889-896.	
C32	Hirota <i>et al.</i> , "Development of Surface Display," Proceedings of the Virtual Reality Annual International Symposium (Seattle), pp. 256-262 (September 18-23, 1993).	
C33	Hirota <i>et al.</i> , "Providing Force Feedback in Virtual Environments", IEEE, September 1995, pp. 22-30.	
C34	"How to Create Complex Meshes With NURBS," http://www.geocities.com/SiliconValley/Lakes/2057/nurbs.html , printed 7/29/03, 4 pgs.	
C35	Immersion Corporation, "Laparoscopic IMPULSE ENGINE: A New FORCE FEEDBACK Surgical Simulation Tool", Immersion Corporation, 1995. http://www.immerse.com/wwwpages/lapIEpg.htm	
C36	Immersion Corporation, "The IMPULSE ENGINE", 1 page, Immersion Corporation, 1996.	
C37	Immersion Corporation, "Virtual Laparoscopic Interface", Immersion Corporation, 1995, 1 pg.	
C38	Ishii <i>et al.</i> , "A 3D Interface Device with Force Feedback: A Virtual Work Space for Pick-and-Place Tasks", IEEE, September 1993, pp. 331-335.	
C39	Iwata, "Artificial Reality with Force-feedback: Development of Desktop Virtual Space with Compact Master Manipulator," Computer Graphics (SIGGRAPH '90 Dallas), Vol. 24, No. 4, pp. 165-170 (August 1990).	
C40	Jay Arraich's Photoshop Tips, "7 Quick Mask," http://www.arraich.com/ref/aatool-quick_mask6.htm , printed 9/12/03, 3 pgs.	
C41	Kelley <i>et al.</i> "MagicMouse: Tactile and Kinesthetic Feedback in the Human-Computer Interface Using an Electromagnetically Actuated Input/Output Device," Department of Electrical Engineering, University of British Columbia, Vancouver, BC, V6T 1Z4, Canada, October 19, 1993, pp. 1-27.	
C42	Komerska <i>et al.</i> , "Haptic Interface for Center-of-Workspace Interaction: Demonstration Paper," <u>Haptics Interfaces for Virtual Environments and Teleoperator Systems (2002)</u> , pp. 352-353.	
C43	Kotoku <i>et al.</i> , "A Force Display Algorithm for Virtual Environments," SICE, pp. 347-355, 1992.	
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